*This certificate may only be a deposit account.

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cc:

Dated: 3-11-05





In re patent application of

Peter Muhlradt et al.

Serial No. 10/521,013

Filed: 1-12-05

Group Art Unit: unknown 1654

Examiner: unknown Julie Ha

For: BISACYLOXYPROPLCYSTEINE CONJUGATES AND THE USE

THEREOF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, cited in a International Search Report for the above-identified patent application and listed on the attached forms PTO-1449, to the attention of the Examiner in charge of the above-identified application

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be formally made of record in the application. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-5041.

Respectfully sabmitted,

Michael E. Whitham Reg. No. 32,635

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			OTHER	DOCUMEN			Pertinent Pages, E		Eur. J.			
ЈН		1. XP-002257581 Rharbaou i et al. "The Mycoplasma-derived lipopeptide MALP-2 is a potent mucosal adjuvant" Eur. Immunol, 2002, 32; 2857-2865 2. XP-002237893, Polyethylene Glycol; pp. 392-393 & 398										
JH		3. XP-002257580 Takeuchi et al. "Cutting Edge: Preferentially the R-Stereoisomer of the Mycoplasmal Lipopetide Macrophage-Activating Lipopeptide -2 Activates Immune Cell Through a Toll-Like Receptor 2-and MyD88-Dependent Signaling Pathway" Cutting Edge; pp. 1-4, 2000										
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JH.		4. Metzger et al. "Synthesis of N-Fmoc protected derivatives of S-(2,3 dihydroxypropyl)-cystel peptide synthesis" Int. J. Peptide Protein Res. 38 1991; pp. 545-554 5. Hoffmann et al. "Stimulation of Human and Myrine Adherent Cells by Bacterial Lipoprotein Res. 38 1991; pp. 545-554										
			Analogues" Immunbiol., Vol. 177, pp. 158-170 19% g									
ЈН			6. Metzger et al. "Synthesis of novel immunologically active tripalmitoyl-S-glycerlcysteinyl lipopeptides as useful intermediates immunogen preparations" Int. J. Peptide Protein Res. 37, 1991, pp. 46-57									
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7. Muhlradt et al. "Purification and Partial Biochemical Characterization of a Mycoplasma fermentans-Derived That Activates Macrophages To Release Nitric Oxide, Tumor Necrosis Factor, and Interleukin-6" Infection and Sept. 1994 pp. 3801-3887, Vol. 62 No. 9							Derived Sub on and Imi	stance nunity,				
	8. PCT International Search Report dated January 15, 2004											
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